

ABSTRACT

An analyzing cartridge of the invention has a plurality of reservoirs and capillaries connected for communication between these reservoirs. And, the analyzing cartridge is provided therein with a reagent required for analyzing, and the reservoirs are provided with openings leading to the outside of the analyzing cartridge, in which the openings are covered with vents each consisting of a gas-permeable/non-liquid-permeable, hydrophobic, porous membrane.

The analyzing cartridge requires only trace amounts of a sample and a reagent and no maintenance, and is suitable for POC analysis or the like. Also, the analyzing cartridge is provided with a non-fluid reagent in the reservoirs provided with the vents, thus making it possible to formulate a very trace amount of reagent solution in the analyzing cartridge by injecting a reagent dissolving liquid into the reservoirs immediately before analyzing.

Also, the liquid feed control device is attached to the analyzing cartridge, and allows or regulates the entry/exit of the gas via the vents, thereby controlling the feeding of the liquid between any of the reservoirs via the capillaries.